

ABSTRACT

The present invention discloses a call access control (CAC) method applicable to call access during call initiation and cell switching in TDD-CDMA mobile communication system. Said method comprises: counting the number of accessed subscribers in all current communication time slots of the home base station for an access request from a new subscriber, to determine channel resource occupations in different time slots; comparing said channel resource occupations in the different time slots, and then allocating idle resource units in the time slots having available channel resources and the minimum number of accessed subscribers to the subscriber sending the access request. The present invention achieves dynamic allocation of channel resources in cells and have an advantage of simple implementation and applicability.